



# Federal Fleet Compliance with EFACT and E.O. 13423 Fiscal Year 2007



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## Table of Contents

1. Executive Summary .....	1
2. EPACT Compliance .....	2
2.1 Credits .....	2
2.2 Vehicles.....	3
2.3 Exemptions .....	3
2.4 Waivers.....	4
3. E.O. 13423 Compliance.....	4
3.1 Petroleum Reduction.....	4
3.2 Alternative Fuel Use .....	5
3.3 Use of PHEV vehicles .....	6
4. Summary and Conclusions .....	7
5. Appendix A.....	8
6. Appendix B.....	9
7. Appendix C.....	10
8. Appendix D.....	11
9. Appendix E.....	12

## 1. Executive Summary

This report summarizes the Federal Government’s fiscal year (FY) 2007 fleet performance in meeting the requirements of the Energy Policy Act (EPACT) of 1992 (Public Law 102-486, 42 U.S.C. 13212), as amended by the Energy Conservation Reauthorization Act of 1998 (Public Law 105-388), and EPACT of 2005 (Public Law 109-58, August 2005), and in meeting the goals of Executive Order (E.O.) 13423, “Strengthening Federal Environmental, Energy, and Transportation Management” (72 FR 3919, signed January 24, 2007).

Section 701 (42 U.S.C. 6374(a)(3)(E)) of the EPACT of 2005 amended EPACT of 1992 to require that agencies use alternative fuel in all dual-fuel alternative fuel vehicles (AFVs) except in vehicles for which the agency received a waiver from the U.S. Department of Energy (DOE). Implementation of this provision began during FY 2007 and agencies requested waivers from the requirement for FY 2008. Agencies will report on compliance with this order beginning in FY 2008.

Exhibit 1 summarizes the Federal Fleet’s progress in meeting the Federal requirements.

### Exhibit 1. Federal Fleet Performance with EPACT and E.O. 13423, FY 2007

Authority/ Mandate	Performance Measure	Goal/Requirement	Federal Fleet Performance in FY 2007 <sup>1</sup>
<b>EPACT 1992</b>	Alternative fuel vehicles acquired as a percent of covered light-duty vehicles (LDV) <sup>4</sup>	75 percent of covered LDV acquired each fiscal year must be AFVs. FY 2007 Target: <b>75 percent</b>	<b>MET.</b> The equivalent of <b>171 percent</b> of covered acquisitions were AFVs. Acquired 26,023 AFVs (11,444 from covered fleets) and earned 3,878 additional credits <sup>2</sup> for a total of 29,901 AFV credits. Number of acquisitions specifically covered by the statute was 17,527.  21 of 21 covered agencies met or exceeded the target.
<b>E.O. 13423</b>	Consumption of covered petroleum <sup>5</sup>	Reduce consumption of covered petroleum by 2 percent annually through the end of FY 2015 from FY 2005 baseline <sup>3</sup> FY 2007 target: <b>4 percent</b> or 273,673,918 gasoline gallon equivalents (GGE)	<b>Nearly MET.</b> Reduced consumption of covered petroleum by <b>3.94 percent</b> to 273,841,254 GGE.  14 of 21 covered agencies met or exceeded the target.
	Consumption of alternative fuel	Increase alternative fuel consumption by 10 percent (compounded annually) through the end of FY 2015 from FY 2005 baseline <sup>3</sup> FY 2007 target: 6,564,799 GGE, <b>10 percent</b> more than the FY 2006 target	<b>MET.</b> Used 7,025,521 GGE or <b>17.4 percent</b> more than the FY 2006 target.  12 of 21 covered agencies met or exceeded the target.

<sup>1</sup>Individual agency performance detailed in Appendices A and B.

<sup>2</sup>Additional credits earned for the acquisition of dedicated light-, medium-, and heavy-duty AFVs and the use of biodiesel.

<sup>3</sup>The Federal Fleet’s FY 2005 combined covered petroleum baseline (sum of all 21 covered agencies) is 285,076,998 GGE and FY 2005 combined alternative fuel baseline is 5,425,454 GGE.

<sup>4</sup>“Covered” LDVs include all LDVs that agencies have not exempted from compliance for one of five allowable reasons. See section 2.1

<sup>5</sup> “Covered” petroleum includes petroleum used in all covered on-road LDVs.

## 2. EPACT Compliance

For the fifth consecutive year, the overall Federal fleet exceeded its EPACT AFV acquisition requirement in FY 2007—with all 21 covered agencies meeting and/or exceeding the requirement (Appendix A). As a result of its AFV acquisitions and biodiesel fuel use, the Federal Government, as a whole, achieved a record compliance rate by earning AFV acquisition credits amounting to 171 percent of the Government’s covered vehicle acquisitions, which is 96 percentage points higher than the 75 percent AFV acquisition requirement. In FY 2007, covered Federal agencies:

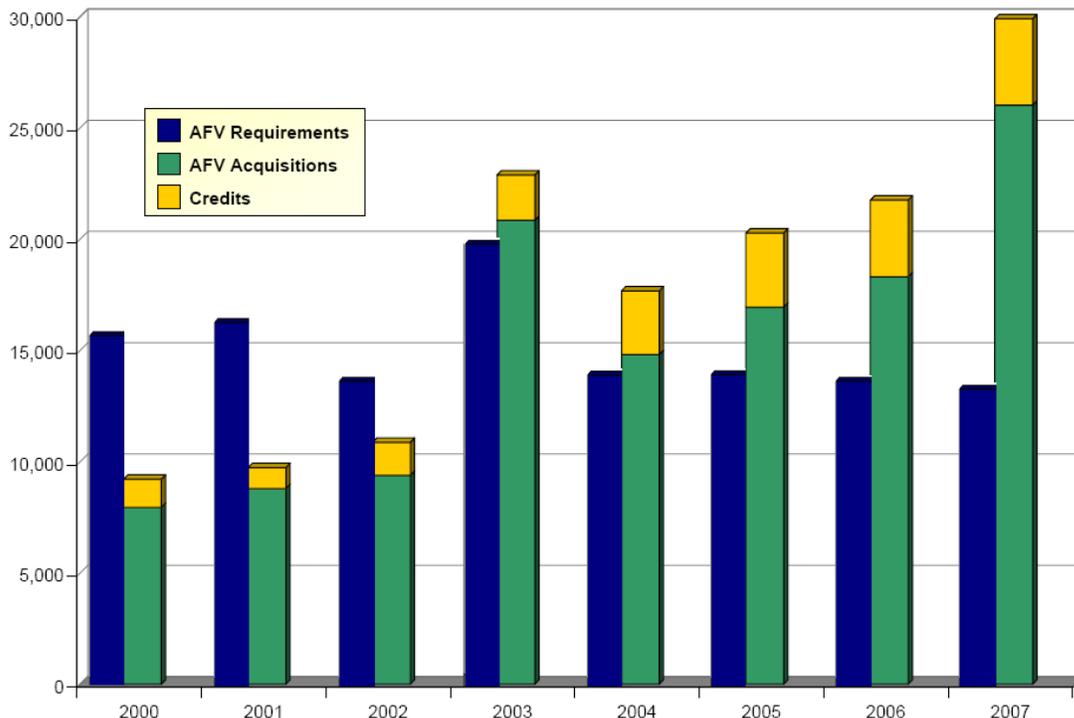
- Acquired 17,527 EPACT-covered LDVs (reflecting a total of 47,195 LDV acquisitions less 29,668 exemptions explained below) and acquired 26,023 AFVs – 12,878 more vehicles than the 75 percent compliance requirement of 13,145 AFVs.
- Received an additional 3,878 credits through the acquisition of dedicated AFVs and the use of biodiesel.
- Earned a total of 29,901 credits (vehicle acquisitions plus additional credits)—171 percent of covered acquisitions.

### 2.1 Credits

Federal fleets earn one credit for every bi- or flexible-fuel AFV acquired and for every 450 gallons of neat biodiesel (B100) or 2,250 gallons of blended 20 percent biodiesel and 80 percent petroleum diesel (B20) used. Additional credits are earned for purchases of AFVs that operate exclusively on alternative fuels.

In FY 2007, covered Federal agencies earned 26,023 credits for AFV acquisitions, 3,772 credits for biodiesel use, and 106 additional credits for acquiring dedicated light-, medium-, and heavy-duty AFVs, for a total of 29,901 credits (Exhibit 2). As such, in FY 2007, Federal AFV acquisitions alone accounted for more than 148 percent of all covered acquisitions (totaling 17,527, as shown in Appendix A). This is a result of a large number of “non-covered” AFV acquisitions, including agencies with campus-type operations acquiring AFVs outside of the geographically covered areas.

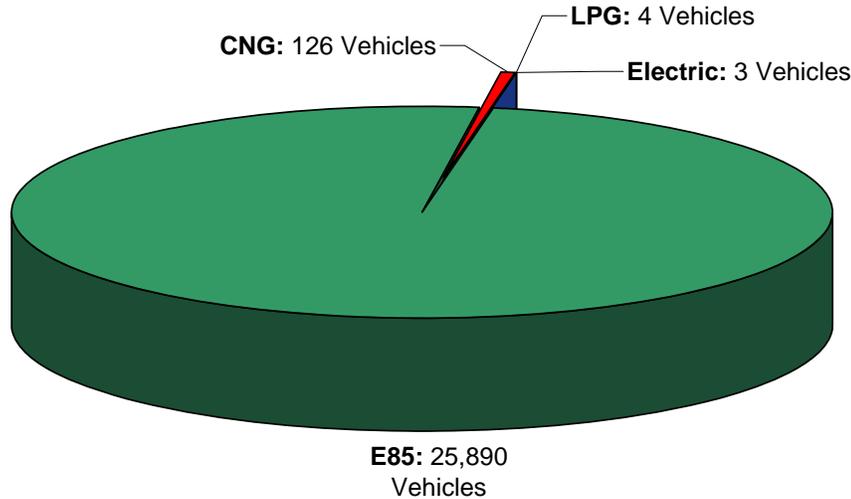
**Exhibit 2. EPACT AFV Acquisitions, Credits and Requirements**



## 2.2 Vehicles

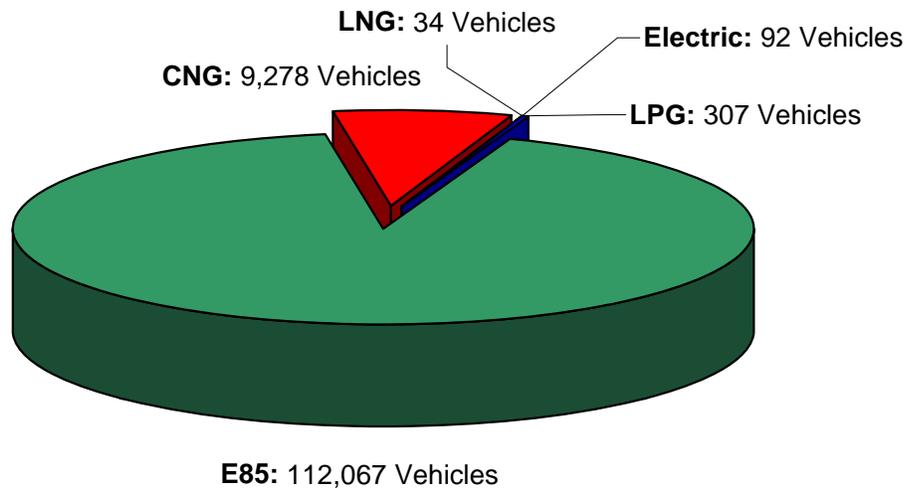
As in previous years, flexible-fuel vehicles (FFV) that can run on E85 (85 percent ethanol, 15 percent gasoline) or gasoline were the AFVs of choice in FY 2007 (Exhibit 3). Of the 26,023 AFVs acquired in FY 2007, 25,890 (99 percent) were FFVs. The other 133 AFVs acquired included 126 compressed natural gas (CNG) vehicles, 3 electric vehicles, and 4 liquefied petroleum gas (LPG) vehicles.

**Exhibit 3. Total FY 2006 AFV Acquisitions by Federal Agencies Covered by EPACT**



Likewise, FFVs capable of operating on E85 comprise the majority (92.0 percent) of the AFVs in the overall Federal fleet inventory (Exhibit 4), with CNG vehicles making up most of the balance (7.6 percent). As the availability of gaseous fuel (CNG and LPG) vehicle models continues to decrease, it is likely that these vehicle types will become less prevalent in the Federal fleet. Liquefied natural gas (LNG), electric, and LPG vehicles combined account for less than 0.4 percent of the 121,778 AFVs in the 21 EPACT-covered agencies.

**Exhibit 4. Total AFV Inventory of Federal Agencies Covered by EPACT**



## 2.3 Exemptions

Of the 47,195 total LDVs acquired by covered Federal agencies in FY 2007, 29,668 vehicles (63 percent) were considered exempt from compliance with EPACT. Based on EPACT 1992, exemptions are granted for fleet size,

geographic location or use outside a Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area (MSA/CMSA), and use for law enforcement.

In FY 2007, exemptions were granted as follows:

- Fleet Size (928)
- Geographic (951)
- Law Enforcement (9,534)
- Non-MSA/CMSA Operation/Fleet (3,888)
- Non-MSA/CMSA Operation/Vehicles (14,367)

## **2.4 Waivers**

Section 701 of EPACT 2005 requires the use of alternative fuels in Federal dual-fuel AFVs unless the Secretary of Energy grants a waiver due to the unavailability of alternative fuel or if the fuel is unreasonably more expensive than gasoline (42 U.S.C. 6374(a)(3)(E)). During FY 2007 DOE developed and disseminated guidelines on this requirement. In 2007, agencies submitted requests for waivers for FY 2008 for AFVs that qualified for a waiver from the requirement.

The 21 covered Federal agencies were awarded waivers for a combined 74,623 AFVs that are garaged more than 5 miles from alternative fueling infrastructure and/or where the cost of fuel was unreasonably more expensive than conventional fuel. The remaining 47,155 AFVs are covered by the requirement to use alternative fuel. Data on agency fleets' alternative fuel use can be found in Appendix C of this report. Vehicle specific tracking of alternative fuel use cannot be completed due to unreliable data. Agency fleets will be evaluated on compliance with this requirement after the close of FY 2008.

## **3. E.O. 13423 Compliance**

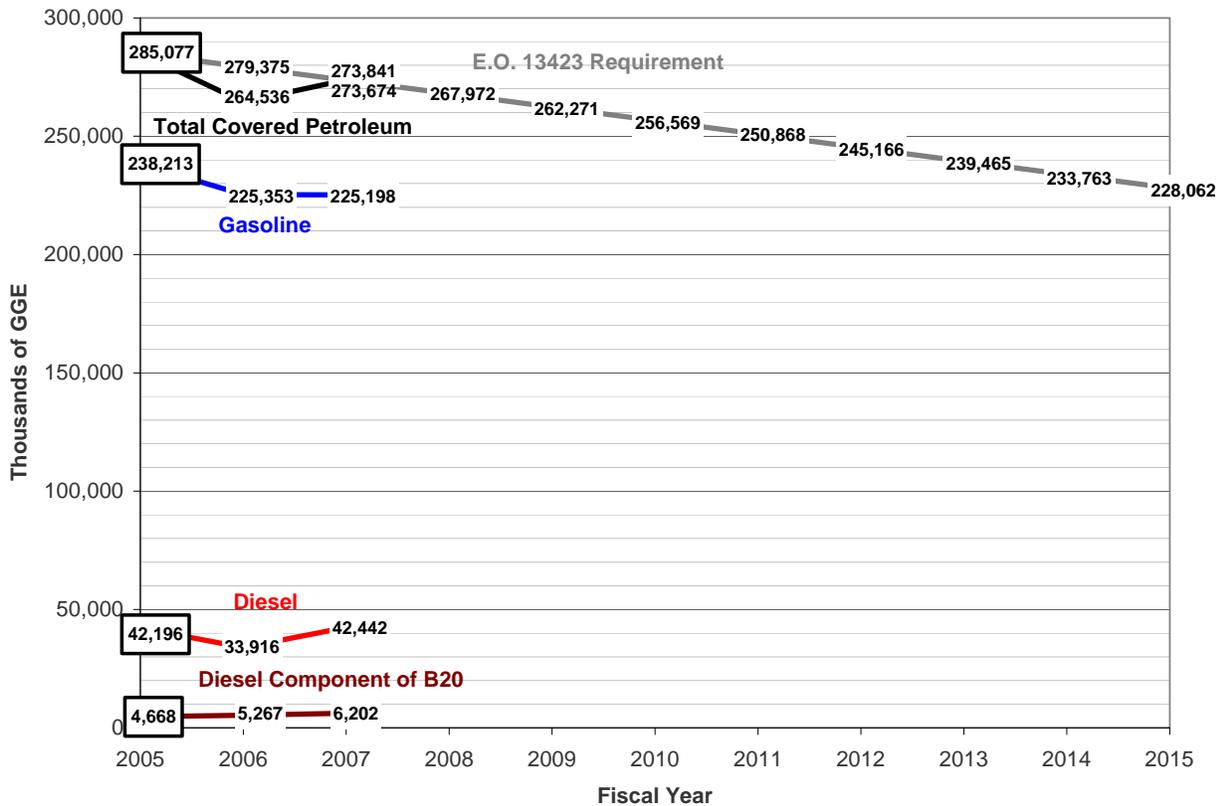
E.O. 13423 requires that Federal agencies with 20 or more vehicles operating in the U.S. must:

- Decrease petroleum consumption by 2 percent per year relative to their FY 2005 baseline through FY 2015.
- Increase alternative fuel use by 10 percent (compounded each year) relative to their FY 2005 baseline through FY 2015.
- Use plug-in hybrid (PHEV) vehicles when they are commercially available at a cost reasonably comparable, on the basis of life-cycle cost, to non-PHEV vehicles.

### **3.1 Petroleum Reduction**

Petroleum includes petroleum used in all motor vehicles covered by this requirement, meaning, all vehicles in agencies that have 20 or more vehicles in the U.S. (i.e., excludes foreign vehicles) except for those that are exempt from the requirement (emergency, law enforcement, and military tactical). In FY 2007, covered Federal agencies used a combined 273,841,254 GGE of covered petroleum (Appendix B), a 3.9 percent reduction from the combined FY 2005 covered petroleum baseline. As shown in Exhibit 5, covered Federal agencies were slightly short (by 0.06 percent) of achieving the E.O. 13423 FY 2007 covered petroleum reduction goal of 273,673,918 GGE. In FY 2007, 14 of the 21 covered Federal agencies achieved their FY 2007 covered petroleum reduction target. Four covered agencies—Health and Human Services, Homeland Security, Housing and Urban Development, and Justice—actually increased their FY 2007 covered petroleum consumption over the FY 2005 baseline levels.

### Exhibit 5: Total Covered Petroleum Reduction vs. E.O. 13423 Goals for Covered Federal Agencies



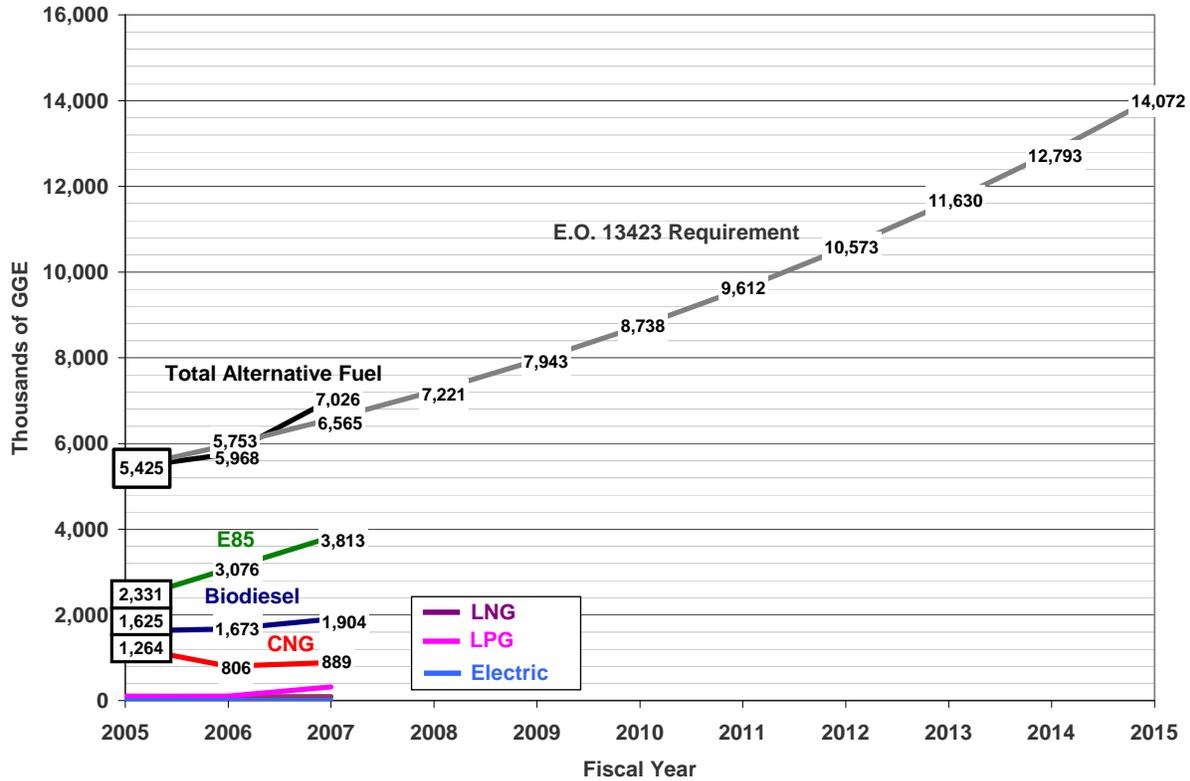
Covered Petroleum Component	FY 2005 Baseline (GGE)	FY 2006 (GGE)	FY 2007 (GGE)
Gasoline	238,212,984	225,353,138	225,198,017
Diesel	42,195,850	33,915,998	42,441,573
Diesel Component of B20	4,668,164	5,267,051	6,201,664
<b>Total</b>	<b>285,076,998</b>	<b>264,536,187</b>	<b>273,841,254</b>
<b>E.O.13423 Requirement</b>		<b>279,375,458</b>	<b>273,673,918</b>
<b>Compliant</b>		<b>Yes</b>	<b>No</b>

Without the use of alternative fuel, the transportation petroleum consumption of covered Federal agencies would have been almost 281 million GGE in FY 2007. However, due to alternative fuel use, covered petroleum consumption in FY 2007 was less than 274 million GGE, resulting in a 3.9 percent decrease compared to FY 2005 consumption levels. DOE is aware that petroleum and alternative fuel consumption data reported by covered Federal agencies may be inconsistent, and is working with the Federal fleets to improve the quality of their data.

### 3.2 Alternative Fuel Use

In FY 2007, covered Federal agencies used a combined 7,025,521 GGE of alternative fuel (Appendices C and D), a 29.5 percent increase from the FY 2005 combined alternative fuel baseline. As shown in Exhibit 6, covered Federal agencies exceeded their combined FY 2007 E.O. 13423 alternative fuel consumption goal of 6,564,799 GGE by 6.6 percent. In FY 2007, 12 of the 21 covered Federal agencies achieved their FY 2007 alternative fuel consumption target.

## Exhibit 6: Total Alternative Fuel Increase vs. E.O. 13423 Goals for Covered Federal Agencies



Alternative Fuel Use Component	FY 2005 Baseline <sup>1</sup> (GGE)	FY 2006 (GGE)	FY 2007 (GGE)
CNG	1,263,904	805,881	888,690
LNG	101,912	89,577	94,512
LPG	99,241	104,867	320,366
E85	2,330,678	3,075,624	3,813,260
Electric	4,973	4,450	4,767
B100 (Including Biodiesel Component of B20)	1,624,746	1,672,751	1,903,926
<b>Total</b>	<b>5,425,454</b>	<b>5,753,150</b>	<b>7,025,521</b>
<b>E.O.13423 Requirement</b>		<b>5,967,999</b>	<b>6,564,799</b>
<b>Compliant</b>		<b>No</b>	<b>Yes</b>

<sup>1</sup>Alternative fuel use reported in FY 2005 was 6,256,933 GGE. In developing the E.O. 13423 baselines, three agencies (Interior, General Services Administration, and State) identified errors with their FY 2005 alternative fuel use data. The corrected FY 2005 alternative fuel consumption data for these agencies are included in this report.

### 3.3 Use of PHEV vehicles

In FY 2007, PHEVs were not commercially available. Therefore, covered Federal agencies were not able to acquire any of these vehicles in FY 2007.

#### 4. Summary and Conclusions

In FY 2007, the overall Federal fleet exceeded its EPACT AFV acquisition requirements. Covered agencies acquired 26,023 AFVs and earned 3,878 additional credits for a total of 29,901 credits—171 percent of covered acquisitions. All of the 21 covered agencies met or exceeded the 75 percent goal.

Toward compliance with E.O. 13423, covered Federal agencies reduced their consumption of covered petroleum to 273,841,254 GGE in FY 2007. Successful petroleum reduction efforts by covered Federal agencies achieved a 3.9 percent reduction from the FY 2005 baseline consumption, nearly meeting the requirement of 4.0 percent (273,673,918 GGE). Fourteen of the 21 covered agencies achieved their FY 2007 covered petroleum reduction target.

Additionally, covered Federal agencies exceeded their combined E.O. 13423 alternative fuel use increase requirement. Agencies consumed 7,025,521 GGE of alternative fuels (primarily E85 and biodiesel), representing a 29.5 percent increase from the FY 2005 baseline. Twelve of the 21 covered agencies achieved their FY 2007 alternative fuel use increase target.

DOE is aware that the quality of agency data is variable, particularly with respect to fuel consumption. DOE will continue to work with OMB and the General Services Administration to develop methods to help the agencies improve the fuel tracking data.

**Exhibit 7: Federal Agency Performance in FY 2007  
in Meeting the Requirements of EPACT and E.O. 13423**

Requirement	FY 2007 Requirement	FY 2007 Results	Overall Compliant	Number of Compliant Agencies
<b>Acquisition of AFVs</b>	75 percent	171 percent	Yes	21 of 21
<b>Covered Petroleum Consumption</b>	273,673,918 GGE (-4.0% vs FY 2005)	273,841,254 GGE (-3.9%)	No	14 of 21
<b>Alternative Fuel Consumption</b>	6,564,799 GGE (+10% vs. FY 2006 target)	7,025,521 GGE (+17.4%)	Yes	12 of 21

# Appendices

## 5. Appendix A

EPACT Compliance, FY 2007											
Agency	Covered Acquisitions <sup>1</sup> (#)	EPACT Credits						Covered Credits as % of Covered Acquisitions	Total Credits as % of Covered Acquisitions	Met Requirement <sup>5</sup>	Total AFV Inventory <sup>5</sup>
		Credits for Covered Vehicles			Credits for Non-Covered Vehicles						
		AFVs Acquisitions	Add'l AFV Credits <sup>2</sup>	Actual Biodiesel Credits <sup>3</sup>	AFVs Acquisitions	Add'l AFV Credits <sup>2</sup>	Total Credits <sup>4</sup>				
Agriculture	1,211	745	0	1,395	0	33	2,173	64	179	Yes	6,871
Commerce	65	37	1	100	0	0	138	58	212	Yes	548
Defense (Total)	8,161	5,149	3	5,947	46	2,037	13,182	88	162	Yes	46,070
Energy	817	626	0	394	0	303	1,323	114	162	Yes	4,766
Health and Human Services	377	232	0	217	0	99	548	88	145	Yes	1,094
Homeland Security	819	282	24	808	0	0	1,114	37	136	Yes	4,505
Housing and Urban Development	5	4	0	70	0	0	74	80	1,480	Yes	185
Interior	567	125	0	491	8	121	745	43	131	Yes	3,399
Justice	127	98	0	535	0	16	649	90	511	Yes	939
Labor	736	491	0	59	0	0	550	67	75	Yes	1,026
State	40	31	0	60	2	0	93	78	233	Yes	323
Transportation	796	656	0	190	0	0	846	82	106	Yes	1,969
Treasury	89	68	0	29	0	0	97	76	109	Yes	339
Veteran Affairs	1,393	1,052	5	141	0	24	1,222	78	88	Yes	3,118
Court Services and Offender Supervision	0	0	0	11	0	0	11		0	Yes	39
Environmental Protection Agency	118	81	0	43	0	4	128	72	108	Yes	411
General Services Administration	206	158	0	0	0	0	158	77	77	Yes	795
National Aeronautics and Space Administration	234	205	14	111	3	57	390	118	167	Yes	1,553
Smithsonian	39	31	0	0	0	0	31	79	79	Yes	43
Social Security	17	13	0	90	0	0	103	76	606	Yes	222
Postal Service	1,710	1,360	0	3,888	0	641	5,889	117	344	Yes	43,563
<b>TOTAL</b>	<b>17,527</b>	<b>11,444</b>	<b>47</b>	<b>14,579</b>	<b>59</b>	<b>3,772</b>	<b>29,901</b>	<b>64</b>	<b>171</b>	<b>Yes</b>	<b>121,778</b>

<sup>1</sup>Excludes exempt vehicles. EPACT allows exclusions based on geographic location, size of fleet, non-MSA operation, and use in law enforcement, emergency, and national defense vehicles.

<sup>2</sup>Includes credits for zero emission vehicles, dedicated light, medium, and heavy-duty vehicles.

<sup>3</sup>Total may not represent sum of column due to rounding or because some agencies have reached the 50 percent biodiesel cap.

<sup>4</sup>Includes credits for zero emission vehicles, dedicated light, medium, and heavy-duty vehicles, and biodiesel usage, as allocated by EPACT.

<sup>5</sup>EPACT requires that AFVs represent 75 percent of all covered light-duty vehicle acquisitions.

<sup>6</sup>Excluding Credits.

## 6. Appendix B

Executive Order 13423 Covered Petroleum Reduction Compliance, FY 2007							
Agency	FY 2005 Covered Petroleum Baseline (GGE)	FY 2006 Covered Petroleum		FY 2007 Covered Petroleum		Met Requirement	Reduction in Consumption (FY 2007 compared with FY 2005 Baseline <i>Increases shown in parentheses</i> )
		FY 2006 Consumption (GGE)	FY 2006 Requirement (GGE)	FY 2007 Consumption (GGE)	FY 2007 Requirement (GGE)		
Agriculture	18,463,947	15,801,938	18,094,668	17,924,604	17,725,389	No	2.9%
Commerce	1,210,701	951,515	1,186,487	943,140	1,162,273	Yes	22.1%
Defense (Total)	84,738,128	76,966,967	83,043,365	80,194,967	81,348,603	Yes	5.4%
Energy	7,389,881	7,324,518	7,242,083	6,675,721	7,094,286	Yes	9.7%
Health and Human Services	2,042,181	1,953,443	2,001,337	2,150,241	1,960,494	No	(5.3%)
Homeland Security	3,797,688	3,765,730	3,721,734	6,706,189	3,645,780	No	(76.6%)
Housing and Urban Development	197,574	193,370	193,623	203,553	189,671	No	(3.0%)
Interior	18,716,255	18,068,870	18,341,930	17,463,733	17,967,605	Yes	6.7%
Justice	599,437	736,674	587,448	678,971	575,460	No	(13.3%)
Labor	3,316,434	2,852,388	3,250,105	2,963,274	3,183,777	Yes	10.6%
State	278,985	277,314	273,405	246,033	267,826	Yes	11.8%
Transportation	3,659,780	3,369,909	3,586,584	3,273,686	3,513,389	Yes	10.5%
Treasury	483,983	416,025	474,303	368,931	464,624	Yes	23.8%
Veteran Affairs	8,514,877	6,952,243	8,344,579	6,543,626	8,174,282	Yes	23.2%
Court Services and Offender Supervision	18,948	18,948	18,569	12,903	18,190	Yes	31.9%
Environmental Protection Agency	513,128	451,996	502,865	469,550	492,603	Yes	8.5%
General Services Administration	573,123	386,875	561,661	404,579	550,198	Yes	29.4%
National Aeronautics and Space Administration	1,275,831	1,171,798	1,250,314	1,249,375	1,224,798	No	2.1%
Smithsonian	238,170	166,820	233,407	190,513	228,643	Yes	20.0%
Social Security	374,199	290,234	366,715	275,508	359,231	Yes	26.4%
Postal Service	128,673,748	122,418,612	126,100,273	124,902,157	123,526,798	No	2.9%
<b>TOTAL</b>	<b>285,076,998</b>	<b>264,536,187</b>	<b>279,375,458</b>	<b>273,841,254</b>	<b>273,673,918</b>	<b>No</b>	<b>3.9%</b>

## 7. Appendix C

Executive Order 13423 Alternative Fuel Consumption Compliance, FY 2007							
Agency	FY 2005 Alternative Fuel Baseline (GGE)	FY 2006 Alternative Fuel		FY 2007 Alternative Fuel		Met Requirement	Increase in Consumption in FY 2007 compared with FY 2005 Baseline <i>Decreases shown in parentheses</i>
		FY 2006 Consumption (GGE)	FY 2006 Requirement (GGE)	FY 2007 Consumption (GGE)	FY 2007 Requirement (GGE)		
Agriculture	196,642	177,650	216,306	233,138	237,937	No	18.6%
Commerce	1,085	2,994	1,194	18,090	1,313	Yes	1567.3%
Defense (Total)	2,316,915	2,451,405	2,548,607	2,616,712	2,803,467	No	12.9%
Energy	623,780	728,594	686,158	918,360	754,774	Yes	47.2%
Health and Human Services	25,635	39,748	28,199	76,005	31,018	Yes	196.5%
Homeland Security	222,634	554,791	244,897	191,923	269,387	No	(13.8%)
Housing and Urban Development	55	412	61	1,178	67	Yes	2041.8%
Interior	399,992 <sup>1</sup>	320,075	439,991	633,100	483,990	Yes	58.3%
Justice	111,788	97,810	122,967	112,108	135,263	No	0.3%
Labor	54,171	124,146	59,588	335,292	65,547	Yes	519.0%
State	28,480 <sup>1</sup>	22,892	31,328	12,462	34,461	No	(56.2%)
Transportation	68,244	68,063	75,068	14,305	82,575	No	(79.0%)
Treasury	39,791	36,441	43,770	81,314	48,147	Yes	104.4%
Veteran Affairs	36,583	55,768	40,241	78,168	44,265	Yes	113.7%
Court Services and Offender Supervision	0	0	0	0	0	Yes	0.0%
Environmental Protection Agency	44,590	19,229	49,049	18,787	53,954	No	(57.9%)
General Services Administration	50,248 <sup>1</sup>	50,248	55,273	2,478	60,800	No	(95.1%)
National Aeronautics and Space Administration	148,433	254,663	163,276	303,379	179,604	Yes	104.4%
Smithsonian	4,150	1,982	4,565	3,755	5,022	No	(9.5%)
Social Security	2,359	19,195	2,595	37,120	2,854	Yes	1473.5%
Postal Service	1,049,879	727,044	1,154,867	1,337,847	1,270,354	Yes	27.4%
<b>TOTAL</b>	<b>5,425,454</b>	<b>5,753,150</b>	<b>5,967,999</b>	<b>7,025,521</b>	<b>6,564,799</b>	<b>Yes</b>	<b>29.5%</b>

<sup>1</sup> The Department of Interior, Department of State, and General Services Administration identified errors in their reported consumption of alternative fuel for FY 2005 during development of the E.O. 13423 baselines. The data in this report reflects the corrected alternative fuel use for FY 2005 for these three agencies.

## 8. Appendix D

Alternative Fuel Consumption (GGE), FY 2007							
Agency	CNG	LPG	LNG	E85	ELE	Biodiesel (B100)	Total
Agriculture	3,079	0	4,446	208,827	0	16,786	233,138
Commerce	15,209	0	0	2,880	1	0	18,090
Defense (Total)	484,775	0	2,745	1,097,816	2,259	1,029,117	2,616,712
Energy	40,371	44,173	205	679,967	0	153,644	918,360
Health and Human Services	3	9	0	25,466	0	50,527	76,005
Homeland Security	1,033	0	328	190,550	0	12	191,923
Housing and Urban Development	0	0	0	1,178	0	0	1,178
Interior	83,258	50,330	288,573	149,477	576	60,886	633,100
Justice	51,141	0	0	52,815	0	8,152	112,108
Labor	0	0	0	335,274	18	0	335,292
State	8,999	0	0	3,454	0	9	12,462
Transportation	133	0	93	14,075	0	4	14,305
Treasury	68	0	0	81,246	0	0	81,314
Veteran Affairs	2,848	0	0	62,830	0	12,490	78,168
Court Services and Offender Supervision	0	0	0	0	0	0	0
Environmental Protection Agency	180	0	0	16,557	0	2,050	18,787
General Services Administration	294	0	0	2,184	0	0	2,478
National Aeronautics and Space Administration	32,047	0	10,237	231,772	0	29,323	303,379
Smithsonian	2,879	0	0	876	0	0	3,755
Social Security	2,253	0	0	34,867	0	0	37,120
Postal Service	160,120	0	13,739	621,149	1,913	540,926	1,337,847
<b>TOTAL</b>	<b>888,690</b>	<b>94,512</b>	<b>320,366</b>	<b>3,813,260</b>	<b>4,767</b>	<b>1,903,926</b>	<b>7,025,521</b>

## 9. Appendix E

<b>List of Acronyms</b>	
<b>Acronym</b>	<b>Phrase</b>
AFV	Alternative Fuel Vehicle
B100	Biodiesel (100 percent, pure)
B20	Biodiesel (20 percent biodiesel, 80 percent petroleum diesel)
CNG	Compressed Natural Gas
DOE	U.S. Department of Energy
E85	Ethanol (85 percent ethanol, 15 percent petroleum)
ELE	Electric
E.O.	Executive Order
EPACT	Energy Policy Act
FFV	Flexible Fuel Vehicle
FR	Federal Register
FY	Fiscal Year
GGE	Gasoline Gallon Equivalent
LDV	Light-Duty Vehicle
LNG	Liquefied Natural Gas
LPG	Liquefied Petroleum Gas (Propane)
MPG	Miles Per Gallon
MSA/CMSA	Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area
OMB	Office of Management and Budget